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SEQUENCE LISTING

<110> Walke, D. Wade Friddle, Carl Johan Mathur, Brian Turner, C. Alexander Jr.

<120> Novel Human GABA Receptors and Polynucleotides Encoding the Same

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Gln Ser Arg Gly Val Arg Leu Val Phe Leu Leu Leu Thr Leu His Leu 30

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75

70

gtg aac aaa acc tgg gtc ttg gcc cca aaa att cat gaa gga gat atc 192 Val Asn Lys Thr Trp Val Leu Ala Pro Lys Ile His Glu Gly Asp Ile 50

aca caa att ctg aat tca ttg ctt caa ggc tat gac aat aaa ctt cgt 240 Thr Gln Ile Leu Asn Ser Leu Leu Gln Gly Tyr Asp Asn Lys Leu Arg

cca gat ata gga gtg agg ccc acr gta att gaa act gat gtt tat gta 288 Pro Asp Ile Gly Val Arg Pro Xaa Val Ile Glu Thr Asp Val Tyr Val



90 95

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											tta Leu					384
											gtt Val 140					432
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ctg Leu	tat Tyr	act Thr	cta Leu 180	aga Arg	ttg Leu	aca Thr	att Ile	aat Asn 185	gca Ala	gaa Glu	tgt Cys	tat Tyr	ctt Leu 190	cag Gln	ctt Leu	576
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tak Xaa	gtt Val	atc Ile	atg Met 260	aca Thr	att Ile	ttt Phe	ttt Phe	gac Asp 265	ctg Leu	agc Ser	aga Arg	aga Arg	atg Met 270	gga Gly	tat Tyr	816
ttc Phe	act Thr	att Ile 275	cag Gln	acc Thr	tac Tyr	att Ile	cca Pro 280	tgc Cys	att Ile	ctg Leu	aca Thr	gtt Val 285	gtt Val	ctt Leu	tct Ser	864
tgg Trp	gtg Val 290	tct Ser	ttt Phe	tgg Trp	atc Ile	aat Asn 295	aaa Lys	gat Asp	gca Ala	gtg Val	cct Pro 300	Ala	aga Arg	aca Thr	tcg Ser	912
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gga Gly 385	tcc Ser	act Thr	ctg Leu	att Ile	cca Pro 390	atg Met	aat Asn	aat Asn	att Ile	tct Ser 395	gtg Val	ccg Pro	caa Gln	gaa Glu	gat Asp 400	1200
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cac His	ata Ile	cgc Arg 435	att Ile	gcc Ala	aaa Lys	att Ile	gac Asp 440	tct Ser	tat Tyr	tct Ser	aga Arg	ata Ile 445	ttt Phe	ttc Phe	cca Pro	1344
acc Thr	gct Ala 450	ttt Phe	gcc Ala	ctg Leu	ttc Phe	aac Asn 455	ttg Leu	gtt Val	tat Tyr	tgg Trp	gtt Val 460	Gly	tat Tyr	ctt Leu	tac Tyr	1392
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But

185

180

cat aac ttt ccc atg gat gaa cat tcc tgt cca ctg gaa ttt tca agc His Asn Phe Pro Met Asp Glu His Ser Cys Pro Leu Glu Phe Ser Ser 195 tat gga tac cct aaa aat gaa att gag tat aag tgg aaa aag ccc tcc 672 Tyr Gly Tyr Pro Lys Asn Glu Ile Glu Tyr Lys Trp Lys Lys Pro Ser 210 215 gta gaa gtg gct gat cct aaa tac tgg aga tta tat cag ttt gca ttt 720 Val Glu Val Ala Asp Pro Lys Tyr Trp Arg Leu Tyr Gln Phe Ala Phe 235 230 gta ggg tta cgg aac tca act gaa atc act cac acg atc tct ggg gat 768 Val Gly Leu Arg Asn Ser Thr Glu Ile Thr His Thr Ile Ser Gly Asp 250 245 771 tag <210> 4 <211> 256 <212> PRT <213> homo sapiens <400> 4 Met Gly Pro Leu Lys Ala Phe Leu Phe Ser Pro Phe Leu Leu Arg Ser 10 Gln Ser Arg Gly Val Arg Leu Val Phe Leu Leu Thr Leu His Leu Gly Asn Cys Val Asp Lys Ala Asp Asp Glu Asp Asp Glu Asp Leu Thr Val Asn Lys Thr Trp Val Leu Ala Pro Lys Ile His Glu Gly Asp Ile 55 Thr Gln Ile Leu Asn Ser Leu Leu Gln Gly Tyr Asp Asn Lys Leu Arg 70 75 Pro Asp Ile Gly Val Arg Pro Thr Val Ile Glu Thr Asp Val Tyr Val 90 85 Asn Ser Ile Gly Pro Val Asp Pro Ile Asn Met Glu Tyr Thr Ile Asp 105 Ile Ile Phe Ala Gln Thr Trp Phe Asp Ser Arg Leu Lys Phe Asn Ser 125 120 Thr Met Lys Val Leu Met Leu Asn Ser Asn Met Val Gly Lys Ile Trp 135 Ile Pro Asp Thr Phe Phe Arg Asn Ser Arg Lys Ser Asp Ala His Trp 150 155 Ile Thr Thr Pro Asn Arg Leu Leu Arg Ile Trp Asn Asp Gly Arg Val 165 170 Leu Tyr Thr Leu Arg Leu Thr Ile Asn Ala Glu Cys Tyr Leu Gln Leu 185 190 His Asn Phe Pro Met Asp Glu His Ser Cys Pro Leu Glu Phe Ser Ser 200

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